



P.B. 5813 - Patentlaan 2
2290 HV Rijswijk (ZH)
T: (070) 340 2040
Te: 31551 eppo.nl
FAX: (070) 340 3016

Europäisches
Patentamt
Zweigstelle in
Den Haag
Recherchen-
abteilung

European
Patent Office
Branch at
The Hague
Search
Division

Office européen
des brevets
Département à
La Haye
Division de la
recherche

R.W.

HOFFMANN - EITLE
Patent- und Rechtsanwälte
Arabellastrasse 4
81925 München
ALLEMAGNE

EINGEGANGEN

11. Feb. 2002

HOFFMANN - EITLE, MÜNCHEN
PATENTANWÄLTE RECHTSANWÄLTE

Datum/Date

06. 02. 2002

Zeichen/Ref./Réf.

84 454 a/km

Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°
00120151.6-2124/

Anmelder/Applicant/Demandeur//Patentinhaber/Proprietor/Titulaire
NKK CORPORATION

COMMUNICATION

00120151.6

The European Patent Office herewith transmits the partial European search report under Rule 46(1) EPC relating to the above-mentioned European patent application.

Copies of the documents cited in the search report are enclosed.

The applicant's attention is drawn to the following:

The search Division informs the applicant that if the European search report is also to cover inventions other than the invention first mentioned in the claims, a further search fee must be paid for each of these inventions, within ONE MONTH after notification of this communication.

If the application has been filed up to 30 June 1999, the search fee in force before 01 July 1999 (EUR 369.--) or the equivalent applicable on the date of payment is payable.

This applies also to the search fees requested under Rule 46(1) EPC.

See also OJ EPO 06/1999, 405.

☐ The abstract was modified by the Search Division and the definitive text is attached to the present communication.

☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.



Note to users of the automatic debiting procedure:

Unless the EPO receives prior instructions to the contrary, the search fee(s) will be debited on the last day of the period for payment. For further details see the Arrangements for the automatic debiting procedure, Supplement to OJ EPO 02/1999.

REGISTERED LETTER



European Patent
Office

PARTIAL EUROPEAN SEARCH REPORT

under Rule 46, paragraph 1 of the European Patent Convention
Application Number
EP 00 12 0151

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A	EP 0 664 209 A (TOYO KOHAN CO LTD) 26 July 1995 (1995-07-26) * page 3, line 26-34 * * page 6, line 29-32 * * page 7, line 18-34 * * page 8, line 15-44 * * example 3 * * table 2 *	1,4-8	B32B15/08 B65D65/40
A	EP 0 928 684 A (TOYO BOSEKI) 14 July 1999 (1999-07-14) * column 2, line 15 - column 3, line 1 * * column 5, line 47-50 * * column 9, line 50 - column 10, line 5 *	1,5,7,8	
A	US 4 861 647 A (ISHIKAWA HIROSHI ET AL) 29 August 1989 (1989-08-29) * column 3, line 14-31 * * column 3, line 58-65 * * column 4, line 58 - column 6, line 56 * * column 7, line 67 - column 8, line 5 * * table 1 *	1,9,10	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			B32B B65D

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

The present partial European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims.

Place of search THE HAGUE	Date of completion of the search 22 January 2002	Examiner Stabel, A
CATEGORY OF CITED DOCUMENTS		
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date O : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document		



European Patent
Office

LACK OF UNITY OF INVENTION
SHEET B

Application Number
EP 00 12 0151

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. Claims: 1-11

Resin film laminated metal sheet having particular anti-adhesive properties; more specifically is claimed a PET/metal/PPacid-mod./PP structure

2. Claims: 12-15

Process of producing any kind of polypropylene covered metal sheet independent on the anti-adhesive properties, which is the special technical feature of claims 1-11.

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 00 12 0151

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

22-01-2002

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0664209	A	26-07-1995	EP	0664209 A1	26-07-1995
EP 0928684	A	14-07-1999	EP	0928684 A2	14-07-1999
			JP	11254626 A	21-09-1999
			US	6277455 B1	21-08-2001
			US	6309720 B1	30-10-2001
			JP	3219065 B2	15-10-2001
			JP	11254627 A	21-09-1999
US 4861647	A	29-08-1989	DE	3778727 D1	11-06-1992
			EP	0234774 A2	02-09-1987
			JP	1037428 B	07-08-1989
			JP	1551951 C	23-03-1990
			JP	62275172 A	30-11-1987



P.B.5819 - Patentlaan 2
2280 HV Rijswijk (ZH)
☎ +31 70 340 2040
TX 31651 epo nl
FAX +31 70 340 3016

Europäisches
Patentamt

Zweigstelle
in Den Haag
Recherchen-
abteilung

Europ.
Patent Office

Branch at
The Hague
Search
division

Office européen
des brevets

Département à
La Haye
Division de la
recherche

HOFFMANN - EITLE
Patent- und Rechtsanwälte
Arabellastrasse 4
81925 München
ALLEMAGNE

EINGEGANGEN

27. Juni 2002

HOFFMANN • EITLE, MÜNCHEN
PATENTANWÄLTE RECHTSANWÄLTE

Datum/Date

24.06.2002

Zeichen/Ref./Réf.

84 454 a/km

Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°

00120151.6

Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire

NKK CORPORATION

COMMUNICATION

The European Patent Office herewith transmits

- ☒ the European search report
- ☐ the declaration under Rule 45 EPC
- ☐ the partial European search report under Rule 45 EPC
- ☐ the supplementary European search report concerning the international application under Article 157(2) EPC relating to the above-mentioned European patent application. Copies of the documents cited in the search report are enclosed.

The following specifications given by the applicant have been approved by the Search Division :

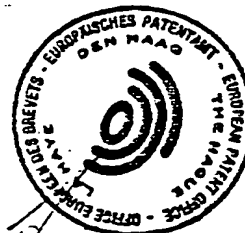
- ☐ Abstract ☐ Title ☐ Figure
- ☐ The abstract was modified by the Search Division and the definitive text is attached to this communication.
- ☐ The following figure will be published with the abstract, since the Search Division considers that it better characterises the invention than the one indicated by the applicant.

Figure:

- ☒ Additional copy(copies) of the documents cited in the European search report.

REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.



EPO Form 1507 02.93



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A	EP 0 664 209 A (TOYO KOHAN CO LTD) 26 July 1995 (1995-07-26) * page 3, line 26-34 *	1,4-8	B32B15/08 B65D65/40 B32B31/00
A	* page 6, line 29-32 * * page 7, line 18-34 * * page 8, line 15-44 * * example 3 * * table 2 *	12-15	
A	EP 0 928 684 A (TOYO BOSEKI) 14 July 1999 (1999-07-14) * column 2, line 15 - column 3, line 1 * * column 5, line 47-50 * * column 9, line 50 - column 10, line 5 *	1,5,7,8	
A	US 4 861 647 A (ISHIKAWA HIROSHI ET AL) 29 August 1989 (1989-08-29) * column 3, line 14-31 * * column 3, line 58-65 * * column 4, line 58 - column 6, line 56 * * column 7, line 67 - column 8, line 5 * * table 1 *	1,9,10	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			B32B B65D
X	GB 2 289 864 A (METAL BOX PLC) 6 December 1995 (1995-12-06)	12,14	
A	* page 1, paragraph 4 - page 2, paragraph 3 * * page 3, paragraph 4 - page 4, paragraph 1 * * example 5 * * claims 1,5,7 *	13,15	
-/-			
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 17 April 2002	Examiner Stabel, A
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

3
EPO FORM 1503 03 82 (P04C01)



DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	EP 0 312 309 A (MB GROUP PLC) 19 April 1989 (1989-04-19) * page 2, line 17-20 * * page 3, line 38-43 * * page 3, line 33-41 * * table 2 * * figures 1,2 *	12	
A	GB 1 471 397 A (BRITISH CELLOPHANE LTD) 27 April 1977 (1977-04-27) * page 2, line 4-55 * * claims 1,2 *	12,13	
A	EP 0 875 298 A (RASSELSTEIN HOESCH GMBH) 4 November 1998 (1998-11-04) * claims 1,2,10 * * figure 1 *	12,13	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
Place of search THE HAGUE			Date of completion of the search 17 April 2002
			Examiner Stabel, A
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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EPO FORM 1503 03.82 (P04C01)



CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- ☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- ☒ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- ☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- ☐ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:



The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. Claims: 1-11

Resin film laminated metal sheet having particular anti-adhesive properties; more specifically is claimed a PET/metal/PPacid-mod./PP structure

2. Claims: 12-15

Process of producing any kind of polypropylene covered metal sheet independent on the anti-adhesive properties, which is the special technical feature of claims 1-11.

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 00 12 0151

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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17-04-2002

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
EP 0664209	A	26-07-1995	EP	0664209 A1	26-07-1995
EP 0928684	A	14-07-1999	EP	0928684 A2	14-07-1999
			JP	11254626 A	21-09-1999
			US	6277455 B1	21-08-2001
			US	6309720 B1	30-10-2001
			JP	3219065 B2	15-10-2001
			JP	11254627 A	21-09-1999
US 4861647	A	29-08-1989	DE	3778727 D1	11-06-1992
			EP	0234774 A2	02-09-1987
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			AU	606479 B2	07-02-1991
			AU	2555888 A	02-05-1989
			BG	50043 A3	15-04-1992
			BR	8807252 A	01-03-1990
			CA	1337260 A1	10-10-1995
			CN	1032763 A ,B	10-05-1989
			DD	277048 A5	21-03-1990
			DE	3867415 D1	13-02-1992
			DK	292689 A ,B,	08-08-1989
			EP	0312309 A1	19-04-1989
			ES	2029028 T3	16-07-1992
			FI	892900 A ,B,	14-06-1989
			WO	8903301 A1	20-04-1989
			GB	2211140 A ,B	28-06-1989
			GR	3003830 T3	16-03-1993
			HR	930113 A1	31-12-1995
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			HU	50305 A2	29-01-1990
			HU	203300 B	29-07-1991
			JP	2501642 T	07-06-1990
			JP	2717095 B2	18-02-1998
			KR	9605300 B1	23-04-1996
			NO	892420 A	13-06-1989
			NZ	226537 A	26-09-1990
			PL	163969 B1	30-06-1994
			PT	88738 A ,B	31-07-1989
			RU	2069154 C1	20-11-1996
			TR	23932 A	20-12-1990

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 00 12 0151

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

17-04-2002

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0312309	A	US 5238517 A	24-08-1993
		YU 190888 A1	30-04-1990
		ZA 8807626 A	30-08-1989
GB 1471397	A	27-04-1977	NONE
EP 0875298	A	04-11-1998	
		AT 202730 T	15-07-2001
		BR 9801516 A	21-12-1999
		CA 2235903 A1	02-11-1998
		DE 19730893 C1	23-07-1998
		DE 59800952 D1	09-08-2001
		DK 875298 T3	15-10-2001
		EP 0875298 A1	04-11-1998
		ES 2160381 T3	01-11-2001
		AU 9528898 A	22-02-1999
		WO 9906155 A1	11-02-1999
		ZA 9806305 A	09-11-1998

Attorney Docket No. 00663/HG

**IN THE UNITED STATES PATENT
AND TRADEMARK OFFICE**

Applicant(s): Yoichiro YAMANAKA et al
Serial No. : 09/665,323
Filed : September 19, 2000
For : RESIN FILM LAMINATED
METAL SHEET FOR CAN
AND METHOD FOR
FABRICATING THE SAME
Art Unit : 1772

**FILING MISSING DECLARATION UNDER
37 CFR 1.53 (f)**

Assistant Commissioner for Patents

S I R :

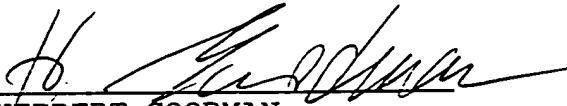
ATTENTION: BOX MISSING PART

The NOTICE TO FILE MISSING PARTS OF APPLICATION - FILING DATE GRANTED dated October 31, 2000 (copy enclosed), specified that the Oath or Declaration had been omitted and required that it be filed within two months from October 31, 2000, the mailing date of said NOTICE.

Enclosed herewith is the executed Declaration dated October 26, 2000. Please enter it in the file of the above-identified application.

Please apply the enclosed check in the amount of \$130.00 as the surcharge for filing the Declaration on a date later than the filing date of the application.

Respectfully submitted,


HERBERT GOODMAN
Reg. No. 17,081

Frishauf, Holtz, Goodman,
Langer & Chick, P.C.
767 Third Avenue - 25th Floor
New York, NY 10017-2023
Telephone: (212) 319-4900
Facsimile: (212) 319-5101
HG/fs

CERTIFICATE OF MAILING

I hereby certify this correspondence is being deposited with the United States Postal Service as First Class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on the date noted below.


Attorney: Herbert Goodman

Dated: November 10, 2000

In the event that this Paper is late filed, and the necessary petition for extension of time is not filed concurrently herewith, please consider this as a Petition for the requisite extension of time, and to the extent not tendered by check attached hereto, authorization to charge the extension fee, or any other fee required in connection with this Paper, to Account No. 06-1378.

COPY

FRISHAUF, HOLTZ, GOODMAN & CHICK, P.C.
ATTORNEYS AT LAW

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Date of Deposit: November 20, 2003

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Laraine Dobies
Laraine Dobies

LEONARD HOLTZ
HERBERT GOODMAN
WILLIAM R. WOODWARD (1914-1994)
MARSHALL J. CHICK
RICHARD S. BARTH
DOUGLAS HOLTZ
ROBERT P. MICHAL
TELEPHONE: (212) 319-4900
FACSIMILE: (212) 319-5101
CUSTOMER NO. 01933

CUSTOMER #01933

PATENT TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

This is a request for filing a

Attorney Docket No. 00663D/HG

[] Continuation [X] Divisional

application under 37 CFR 1.53(b), of pending prior application Serial Number 09/665,323
filed on September 19, 2000

of (inventor(s)): Yoichiro YAMANAKA
Hiroki IWASA
Hiroshi KUBO
Shinsuke WATANABE
Yoshinori YOMURA

ASSIGNMENT INFORMATION FOR PUBLICATION:

NKK CORPORATION
Tokyo, Japan

FRISHAUF, HOLTZ, GOODMAN
& CHICK, P.C.

ATTORNEYS-AT-LAW
767 THIRD AVENUE, 25TH FLOOR
NEW YORK, NY 10017-2023

92941

1-108/210

PAY TO THE ORDER OF COMMISSIONER OF PATENTS AND TRADEMARKS

DATE November 20, 2003

SEVEN HUNDRED SEVENTY and 00/100

\$ 770.00

THIS CHECK IS DELIVERED IN CONNECTION WITH THE FOLLOWING ACCOUNT(S)

00663D/HG - YAMANAKA et al
New Divisional Appln of
USSN 09/665,323 - Filing fee
"RESIN FILM LAMINATED METAL SHEET..."

FRISHAUF, HOLTZ, GOODMAN
& CHICK, P.C.

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⑈092941⑈ ⑆021001088⑆ 615001939⑈

Total Claims	5	-20	=	0	x	\$18.00	=	\$ --
Independent Claims	2	-3	=	0	x	\$86.00	=	\$ --
MULTIPLE DEPENDENT CLAIMS					+	\$290.00	=	\$ --

BASIC FEE \$ 770.00

Total of above Calculations

\$ 770.00